

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052868

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L41/09 H01H57/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01G H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 675 960 A (HIGGINS, JR. ET AL) 30 June 1987 (1987-06-30) column 3, line 21 - column 4, line 16 -----	1-10
X	US 3 646 413 A (JOHANNES A.F. OOMEN) 29 February 1972 (1972-02-29) column 2, lines 1-34; figures 1,2 -----	1-10
X	DE 37 28 864 A1 (SIEMENS AG) 9 March 1989 (1989-03-09) figure 4 -----	1
A	DE 89 09 563 U1 (SIEMENS AG, 1000 BERLIN UND 8000 MUENCHEN, DE) 12 October 1989 (1989-10-12) the whole document ----- -/-	8,9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

12 September 2005

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21/09/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 255 307 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 6 November 2002 (2002-11-06) paragraph '0142! -----	8
P	WO 2004/047190 A (RAYTHEON COMPANY) 3 June 2004 (2004-06-03) figure 1 -----	1-6
E	WO 2005/059932 A (SIEMENS AKTIENGESELLSCHAFT; AL-AHMAD, MAHMOUD; MATZ, RICHARD) 30 June 2005 (2005-06-30) figures 3,4 -----	1-6
A	WO 03/078166 A (SEIKO EPSON CORPORATION; CHANG, JUNHUA; KATAKURA, TAKAHIRO) 25 September 2003 (2003-09-25) abstract -----	9
P,A	-& EP 1 486 331 A (SEIKO EPSON CORPORATION) 15 December 2004 (2004-12-15) paragraph '0050! -----	9

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Information on patent family members

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